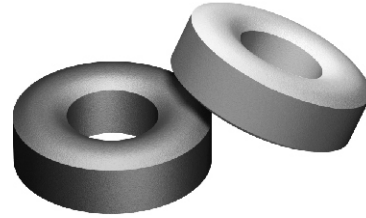


ALLOY POWDER CORE SERIES PRODUCTS

# Toroidal Cores



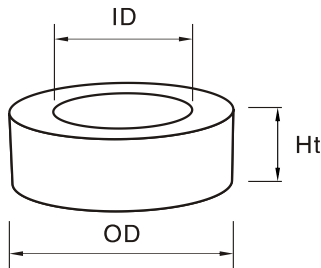
TYPICAL PART No.

MPP 106-125  
 HF  
 KS

Permeability(  $\mu_r$  )  
 Size Designation  
 Materials Mix No.

Permeability: From 14  $\mu$  to 125  $\mu$   
 MPP: MPP Core (gray)  
 HF: High Flux Core (blue)  
 KS: Sendust Core (black)

## TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS



Le: Mean Magnetic Path length  
 Ae: Cross Section Area  
 Ve: Core Volume  
 Operating temperature range:  $-55^{\circ}\text{C} \sim +125^{\circ}\text{C}$   
 A<sub>L</sub> Test condition: 10kHz, 1mT

## STANDARD SPECIFICATIONS

Part No. MPP-XXX-XX HF-XXX-XX KS-XXX-XX	A <sub>L</sub> nH/N <sup>2</sup>	Dimensions (Bare)			Dimensions (Coated)			Le cm	Ae cm <sup>2</sup>	Ve cm <sup>3</sup>
		OD mm	ID mm	HT mm	OD mm(Max)	ID mm(Min)	HT mm(Max)			
031-14	6	7.87	3.96	3.18	8.51	3.43	3.81	1.787	0.062	0.11
031-26	11	7.87	3.96	3.18	8.51	3.43	3.81	1.787	0.062	0.11
031-60	25	7.87	3.96	3.18	8.51	3.43	3.81	1.787	0.062	0.11
031-75	31	7.87	3.96	3.18	8.51	3.43	3.81	1.787	0.062	0.11
031-90	37	7.87	3.96	3.18	8.51	3.43	3.81	1.787	0.062	0.11
031-125	52	7.87	3.96	3.18	8.51	3.43	3.81	1.787	0.062	0.11
038-26	14	9.65	4.78	3.96	10.29	4.27	4.60	2.180	0.094	0.206
038-60	32	9.65	4.78	3.96	10.29	4.27	4.60	2.180	0.094	0.206
038-75	40	9.65	4.78	3.96	10.29	4.27	4.60	2.180	0.094	0.206
038-90	48	9.65	4.78	3.96	10.29	4.27	4.60	2.180	0.094	0.206
038-125	66	9.65	4.78	3.96	10.29	4.27	4.60	2.180	0.094	0.206
039-14	6	9.65	4.78	3.18	10.29	4.27	3.81	2.177	0.075	0.164
039-26	11	9.65	4.78	3.18	10.29	4.27	3.81	2.177	0.075	0.164
039-60	25	9.65	4.78	3.18	10.29	4.27	3.81	2.177	0.075	0.164
039-75	32	9.65	4.78	3.18	10.29	4.27	3.81	2.177	0.075	0.164
039-90	38	9.65	4.78	3.18	10.29	4.27	3.81	2.177	0.075	0.164
039-125	53	9.65	4.78	3.18	10.29	4.27	3.81	2.177	0.075	0.164
040-14	7	10.16	5.08	3.96	10.80	4.57	4.57	2.38	0.100	0.238
040-26	14	10.16	5.08	3.96	10.80	4.57	4.57	2.38	0.100	0.238
040-60	32	10.16	5.08	3.96	10.80	4.57	4.57	2.38	0.100	0.238
040-75	40	10.16	5.08	3.96	10.80	4.57	4.57	2.38	0.100	0.238
040-90	48	10.16	5.08	3.96	10.80	4.57	4.57	2.38	0.100	0.238
040-125	66	10.16	5.08	3.96	10.80	4.57	4.57	2.38	0.100	0.238